

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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Released: September 15, 1980, 3 P.M., CDT **DOC, NOAA, NATIONAL WEATHER SERVICE**

CROP HI-LITES

- *** Soybeans - 71% turning yellow
40% shedding leaves
4% harvested
- *** Corn - 85% mature, 5% harvested
- *** Soil Moisture - 26% short
58% adequate
16% surplus

CORN was 85% mature (safe from frost) as of Sunday, September 14. This compares to 48% last year and a 5-year average (1975-79) of 73%. Five percent of the crop was harvested compared to none last year and an average of 2%. Corn condition on Friday, September 12 was reported as 2% excellent, 27% good, 50% fair, and 21% poor. A few reports of growers planning to harvest early due to weak stalks again noted.

SOYBEANS were 71% turning yellow on the 14th compared to 64% last year and an average of 74%. Forty percent were shedding leaves compared to 29% last year and an average of 45%. The crop was 4% harvested compared to 2% last year and an average of 4%. Soybean condition on Friday the 12th was reported as 3% excellent, 37% good, 50% fair, and 10% poor. A few reports were again received of soybean beetle damage in the Central and West-Southwest districts. Some of the worst fields were sprayed in the West-Southwest district of the State.

WINTER WHEAT seeding (1981 crop) was just beginning with 2% of the acreage seeded, as of September 14, compared to 1% for both last year and average.

The third cutting of ALFALFA HAY was 88% complete on the 14th compared to 82% last year and the average of 84%. Alfalfa condition on September 12 was reported as 5% excellent, 59% good, 30% fair, and 6% poor.

PASTURE conditions on September 12 were reported as 9% excellent, 42% good, 36% fair, and 13% poor.

SOIL MOISTURE on September 12 was reported as 26% short, 58% adequate, and 16% surplus. A few reports of too much rain were received from the Northern part of the State.

There was an average of 5.00 DAYS SUITABLE for FIELDWORK for the week ending September 12.

MOTOR FUEL SUPPLIES for agricultural uses were generally adequate throughout the State.

MAIN ACTIVITIES for the week included haying, getting started on Fall grain harvest, and general farmwork.

WEATHER

TEMPERATURES for the period of September 8-14 averaged 3 to 8 degrees above normal as a warm period continued for the 7th straight week. The maximum readings in the southern third of the State climbed into the upper 90's.

PRECIPITATION was again heavy in the northern sections where amounts ranged from 1 to 3 inches. The central portion of the State received from .10 to .37 of an inch of rain and the extreme South recorded no rainfall.

The OUTLOOK for the period of September 15-22 is for near normal temperatures and below normal precipitation.

The Extended Outlook from September 15 to October 15 is for above normal temperatures and above normal precipitation throughout Illinois.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Soybeans: % turning yellow (Sept. 14)	70	60	75	75	80	65	75	65	70	71	74
Alfalfa: % 3rd crop cut (Sept. 14)	85	85	85	80	95	95	94	98	96	88	84
Days Suitable for fieldwork: (week ending Sept. 12)	3.0	1.5	4.5	5.0	5.0	5.5	6.0	6.5	7.0	5.00	
Soil Moisture %:											
of Sept. 12) Short	--	--	--	15	20	40	50	30	100	26	
Adequate	50	--	75	85	80	60	50	70	--	58	
Surplus	50	100	25	--	--	--	--	--	--	16	

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ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

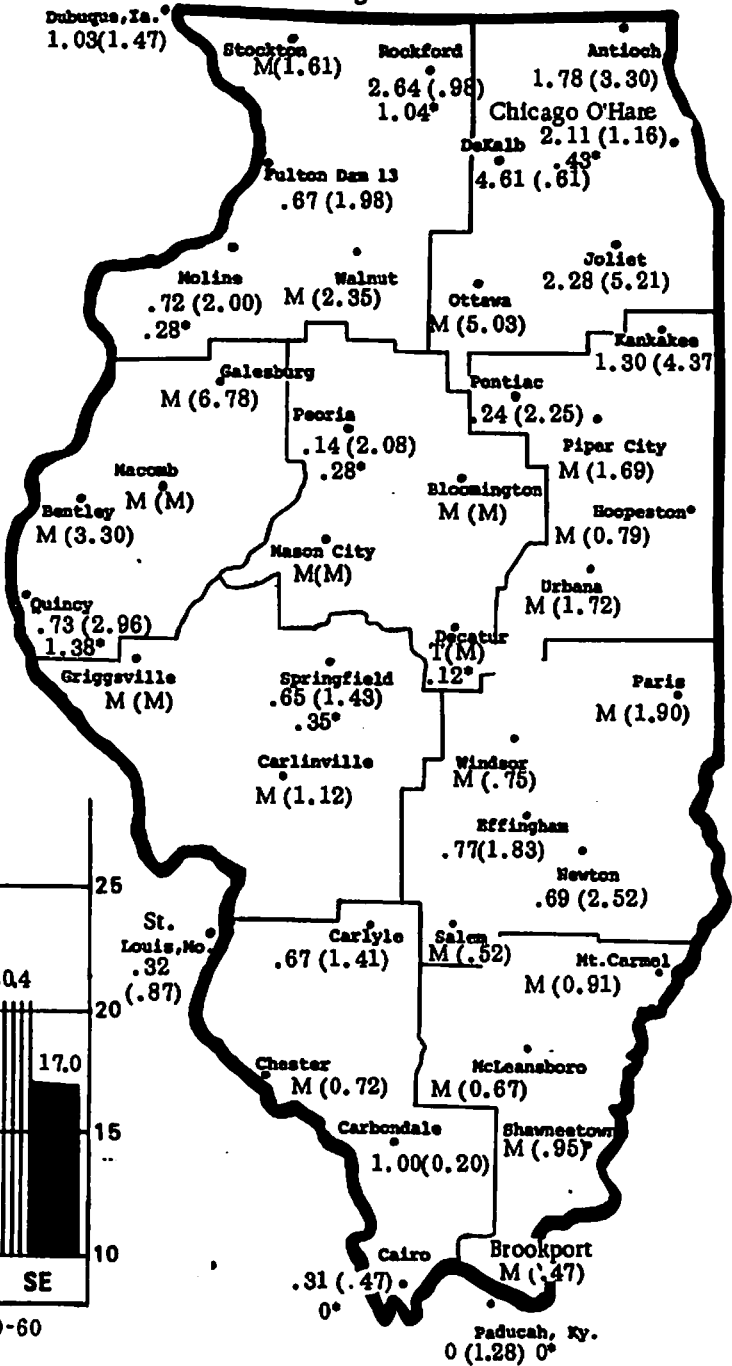
	June	July	Aug. 4-10	Aug. 11-17	Aug. 18-24	Aug. 25-31	Sept. 1-7	Sept. 8-14
Chicago	-6	+4	+8	-3	+5	+10	+5	+3
Moline	-2	+5	+5	-2	+3	+5	+4	+3
Springfield	-1	+3	+8	+2	+2	+8	+3	+5
So. Central	-1	+6	+9	+4	+1	+5	+6	+5

STATION	September 12			September 15		
	Temperatures	Growing Degree Days*		Temperatures	Growing Degree Days*	
	Week ending Fri. 6 A.M.	Maxi- mum	Mini- mum	Week ending Mon. 6 A.M.	Maxi- mum	Mini- mum
Dubuque, Ia.	--	--	--	124	2,667	2,505
Moline	93	48	72	134	3,083	2,886
Rockford	88	48	70	121	2,938	2,691
Chi. O'Hare	88	51	70	132	3,094	2,815
Quincy	96	54	78	165	3,278	3,142
Decatur	89	52	72	157	3,315	3,118
Peoria	90	51	73	149	3,201	2,982
Springfield	90	51	73	151	3,303	3,089
Calro	99	59	80	176	3,735	3,481
St. Louis	--	--	--	175	3,589	3,499

* Totals are accumulated from April 1.

Growing degree days(GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 30 degrees (F). Thus, if the mean temperature for the day is 75 degrees, then 25 GDD's will have been accumulated.

PRECIPITATION:
First figure--current week Sept. 5-11
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.



ACCUMULATED PRECIPITATION
(Inches)

LEGEND: Normal | Actual

Apr. 1-Aug. 31

Apr. 1- Sept. 11

